



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number:

0 434 199 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **90311830.5**

(51) Int. Cl.⁵: **B41J 35/23**

(22) Date of filing: **29.10.90**

(30) Priority: **21.12.89 IT 6814589**

(43) Date of publication of application:
26.06.91 Bulletin 91/26

(84) Designated Contracting States:
AT BE CH DE ES FR GB LI NL

(88) Date of deferred publication of the search report:
18.09.91 Bulletin 91/38

(71) Applicant: **Ing. C. Olivetti & C., S.p.A.**
Via G. Jervis 77
I-10015 Ivrea(IT)

(72) Inventor: **Gillio, Claudio**
Via Dante, 1
I-10080 Brosso Canavese (TO)(IT)

(74) Representative: **Abnett, Richard Charles et al**
REDDIE & GROSE 16 Theobalds Road
London WC1X 8PL(GB)

(54) **Cassette for a typing ribbon for typewriters.**

(57) A cassette (11) for a typing ribbon (17) comprises a container (16) and two arms (18 and 19). The container (16) comprises two support elements (26 and 27) which project from the bottom (21) and which are capable of rotatably supporting a supply spool (28) and a take-up spool (31) for a correction ribbon (29). Two guide elements (23 and 24) projecting from the ends of the arms (18 and 19) guide a portion of the ribbon (29) below the typing ribbon (17), and a tensioning device (41) holds the ribbon (29) taut. The cassette (11) can be mounted on a

carriage (6) of the machine by means of two projections (71) projecting from the underneath of the bottom (21) and which are capable of being pivotally mounted in two respective grooves (99 and 101) and moving against two co-operating surfaces (102 and 103) for oscillating movement about an axis (70) parallel to the roller (13). A pin (107) on one side of the container (16) can be removably engaged into a seat (106) of a connecting lever (75) of the machine, which is connected to a displacement means (73).

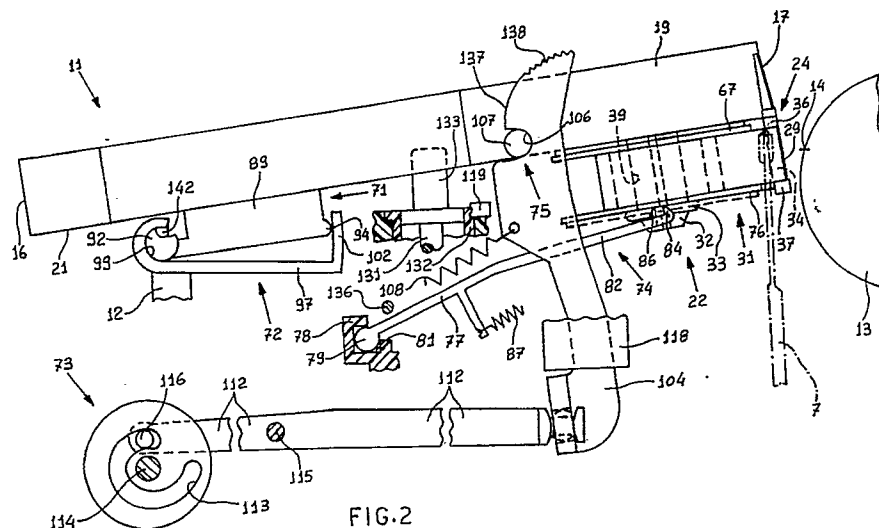


FIG. 2

EP 0 434 199 A3



European
Patent Office

EUROPEAN SEARCH REPORT

Application Number

EP 90 31 1830

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	IBM TECHNICAL DISCLOSURE BULLETIN. vol. 26, no. 1, June 1983, NEW YORK US & Quinn P Jr.: "Cartridge with Ribbon and Correction Tape Guide " * the whole document *	1,4,22	B 41 J 35/23

A	PATENT ABSTRACTS OF JAPAN vol. 8, no. 224 (M-331)(1661) 13 October 1984, & JP-A-59 104984 (YUKIHIKO OKA) 18 June 1984, * the whole document *	1,2	

A	DE-U-8 610 254 (INTERNACIONAL DE ORGANIZACION Y SERVICIOS S.A.) * page 5, lines 10 - 14; figure 2 *	3	

A	EP-A-0 341 858 (ING.C.OLIVETTI & C., S.P.A.) * abstract; figures ** column 4, line 2 - column 7, line 30 *	1,5-19,22	

A	PATENT ABSTRACTS OF JAPAN vol. 9, no. 235 (M-415)(1958) 21 September 1985, & JP-A-60 089388 (YOSHIKI ONO) 20 May 1985, * the whole document *	15-19	

A	PATENT ABSTRACTS OF JAPAN vol. 4, no. 132 (M-32)(614) 17 September 1980, & JP-A-55 087591 (TAKAO KOBAYASHI ET AL) 02 July 1980, * the whole document *	5,6,11	

The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		22 July 91	ROBERTS N.
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		E: earlier patent document, but published on, or after the filing date	
Y: particularly relevant if combined with another document of the same category		D: document cited in the application	
A: technological background		L: document cited for other reasons	
O: non-written disclosure		-----	
P: intermediate document		&: member of the same patent family, corresponding document	
T: theory or principle underlying the invention			